Subsystem and Subsystem Processing Method

ABSTRACT OF THE DISCLOSURE

A subsystem and a subsystem processing method are disclosed in which a storage control unit 2000 interposed between a plurality of disk units 3000 and a host computer 1000 has a nonvolatile cache 2400 for temporarily holding the read data/write data exchanged between the disk units 3000 and the host computer 1000. The management information for the user data in the cache 2400 is stored in both the in-cache management information area 2420 in the cache 2400 and the in-memory management information area 2221 in a volatile local memory 2210 accessible at high speed. Under normal conditions, the management information in the high speed in-memory management information area 2221 is accessed. At the time of a fault, on the other hand, the management information in the nonvolatile in-cache management information area 2420 is restored in the in-memory management information area 2221, thereby improving the access rate of the cache 2400.